AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not canceled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or fewer characters; and 2. added matter is shown by underlining.

1. (Previously Presented) A method for treating tissue using ultrasonic energy comprising the steps:

applying a medicament to tissue before applying ultrasonic energy; and

delivering ultrasonic energy from a non-contact distance from the tissue and the medicament to the medicament and to the tissue, wherein the ultrasonic energy is delivered simultaneously with delivery of a liquid spray and the ultrasonic energy has intensity capable of penetrating the tissue to a beneficial depth to provide a therapeutic effect to the tissue, and wherein the ultrasonic energy sonicates the medicament and causes the medicament to penetrate the tissue to a beneficial depth to provide a therapeutic effect to the tissue.

2. (Canceled).

3. (Previously Presented) The method according to claim 1, further including the step of generating the ultrasonic energy with a particular amplitude indicative of an intensity capable of achieving the therapeutic effect.

4. (Previously Presented) The method according to claim 3, further including the step of generating the ultrasonic energy with a frequency capable of achieving the particular amplitude.

5. (Previously Presented) The method according to claim 3, wherein the particular amplitude is at least 3 microns.

6.-7. (Canceled).

8. (Previously Presented) The method according to claim 3, wherein the particular amplitude is at least 10 microns.

9. (Previously Presented) The method according to clam 4, wherein the frequency I in the range of 20kHz-5MHz.

10. (Previously Presented) The method according to claim 4, wherein the frequency is in the range of 20-200 kHz.

11. (Previously Presented) The method according to claim 4, wherein the frequency is in the range of 20-40 kHz.

12. (Previously Presented) The method according to claim 1, wherein the applying step is performed prior to the delivery step.

13. (Previously Presented) The method according to claim 1, wherein the applying step is performed during the delivering step.

14. (Previously Presented) The method according to claim 1, wherein the steps of the method are included in a series of treatments wherein another treatment of the series of treatments is selected from the group consisting of:

the treatment including the steps of delivering ultrasonic energy from a non-contact distance to the tissue simultaneous with delivery of a spray to the tissue, wherein the ultrasonic energy has an intensity capable of penetrating the tissue to a beneficial depth to provide a therapeutic effect to the tissue and sonicating the spray for causing the spray to penetrate the tissue to a beneficial depth to provide a therapeutic effect to the tissue;

the treatment including the steps of delivering ultrasonic energy from a non-contact distance to the tissue through a substantial expanse of a substantially purely gaseous medium to the tissue, wherein the ultrasonic energy has an intensity capable of penetrating the tissue to a beneficial depth to provide a therapeutic effect to the tissue; and the treatment including the steps of the method of the invention, wherein a different medicament is applied.

15. (Previously Presented) The method according to claim 1, wherein the medicament is selected from at least one member of the group consisting of: an antibiotic, an ointment, cream, gel, liquid, salve, oil, powder, antibacterial agent, antiseptic agent, insulin, analgesic agent, conditioner, surfactant, emollient, or other active ingredients.

16. (Previously Presented) The method according to claim 1, wherein the step of delivering includes the step of providing means for delivering the ultrasonic energy at a distance from 2.5 mm-51 cm from the tissue and the medicament.

17. (Previously Presented) The method according to claim 1, wherein the therapeutic effect is selected from at least one member of the group consisting of increasing blood flow to the tissue, providing a local anesthetic effect and stimulating cell growth.

18.-36. (Canceled).

37. (Previously Presented) A method for treating a wound comprising the steps of:

applying a medicament to a wound before applying ultrasonic energy;

providing a transducer having a distal radiation surface for generating and emitting ultrasonic energy;

introducing a liquid to the distal radiation surface to produce a spray; and

delivering the generated and emitted ultrasonic energy to the wound through the spray from a non-contact distance from the surface of the wound and from the medicament applied to the wound, wherein the generated and emitted ultrasonic energy penetrates the wound tissue to a beneficial depth to provide a therapeutic effect for decreasing the healing time for the wound, and wherein the non-contact distance is at least 2.5 mm from the surface of the wound.

38. (Previously Presented) The method according to claim 37, wherein the generating step includes generating the ultrasonic energy with a particular amplitude indicative of an intensity capable of achieving the therapeutic effect.

39. (Previously Presented) The method according to claim 38, wherein the generating step further includes the step of generating the ultrasonic energy with a frequency capable of achieving the particular amplitude.

40. (Previously Presented) the method according to claim 39, wherein the frequency is in the range of 20 kHz-5MHz.

41. (Previously Presented) the method according to claim 39, wherein the frequency is in the range of 20-200 kHz.

42. (Currently Amended) The method according to claim 39, wherein the frequency is in the range [[rage]] of 20-40 kHz.

43. (Previously Presented) The method according to claim 37, wherein said distal radiation surface has a surface area dimensioned for achieving delivery of the ultrasonic energy to the wound with an intensity capable of achieving the therapeutic effect.

44. (Previously Presented) The method according to claim 37, wherein distal radiation surface has a rounded perimeter for achieving delivery of the ultrasonic energy to the wound with an intensity capable of achieving the therapeutic effect.

45. (Previously Presented) The method according to claim 37,

wherein one or more of the following features of the distal radiation surface are selected to achieve delivery of ultrasonic energy to the wound with an intensity capable of achieving the therapeutic effect a size of a surface area of the distal radiation surface or a shape of a peripheral boundary of the distal radiation surface.

46. (Previously Presented) The method of claim 37, wherein one or more of the following features of the distal radiation surface are selected to achieve the therapeutic effect: a size of a surface of the distal radiation surface, a shape of a peripheral boundary of the distal radiation surface, a shape of the curvature of the distal radiation surface selected from one of flat, concave, convex and a combination thereof.

47. (Previously Presented) The method according to claim 37, wherein the radiation surface is positioned from 2.5mm-51cm from the surface of the wound.

48. (Previously Presented) The method according to claim 37, wherein the generating step includes the steps of generating the ultrasonic energy with a constant or modulated frequency having a wave form selected from the group consisting of sinusoidal, rectangular, trapezoidal, and triangular wave forms.

49. (Previously Presented) The method according to claim 37, wherein the liquid does not include a medicament.

50.-62. (Canceled).

63. (Previously Presented) A method for treating a wound comprising the steps of:

applying a medicament to a wound before applying ultrasonic energy;

generating ultrasonic energy having a particular amplitude and a particular frequency; and

delivering the generated ultrasonic energy to the wound through a liquid spray from a non-contact distance from the medicament and from the surface of the wound, wherein the generated ultrasonic energy penetrates the wound tissue to a beneficial depth to provide a therapeutic effect for decreasing the healing time for the wound, wherein the particular amplitude is indicative of an intensity capable of achieving the therapeutic effect, and wherein the non-contact distance is at least 2.5mm from the surface of the wound.

64. (Previously Presented) The method according to claim 63, wherein the particular amplitude is at least 3 microns.

65. (Previously Presented) The method according to claim 63, wherein the particular amplitude is at least 10 microns.

66. (Previously Presented) The method of claim 63, wherein the liquid spray does not include a medicament.

67. (Previously Presented) The method according to claim 37, wherein the medicament penetrates the wound to a beneficial depth to provide a therapeutic effect to the wound.

68. (Previously Presented) The method according to claim 63, wherein the medicament penetrates the wound to a beneficial depth to provide a therapeutic effect to the wound.

69. (Previously Presented) The method according to claim 37, wherein the medicament is selected from at least one member of the group consisting of: an antibiotic, an ointment, cream, gel, liquid, salve, oil, powder, antibacterial agent, antiseptic agent, insulin, analgesic agent, conditioner, surfactant, emollient, or other active ingredient.

70. (Previously Presented) The method according to claim 63, wherein the medicament is selected from at least one member of the group consisting of : an antibiotic, an ointment, cream, gel, liquid, salve, oil, powder, antibacterial agent, antiseptic agent, insulin, analgesic agent, conditioner, surfactant, emollient, or other active ingredient.

71. (Previously Presented) The method according to claim 63, wherein the step of delivering includes the step of providing means for delivering the ultrasonic energy at a distance from 2.5mm-51 cm from the wound.

72. (Previously Presented) The method according to claim 37, wherein the therapeutic effect is selected from one or more members of the group consisting of increasing blood flow to the tissue, providing a local anesthetic effect and stimulating cell growth.

73. (Previously Presented) The method according to claim 63, wherein the therapeutic effect is selected from one or more members of the group consisting of increasing blood flow to the tissue, providing a local anesthetic effect and stimulating cell growth.

74.-75. (Canceled).

76. (Previously Presented) The method of claim 27, wherein the medicament is applied before the ultrasonic energy is delivered to the wound.

77. (Previously Presented) The method of claim 63, wherein the medicament is applied before the ultrasonic energy is delivered to the wound.

78. (Previously Presented) The method of claim 27, wherein the medicament is applied during delivery of the ultrasonic energy to the wound.

79. (Previously Presented) The method of claim 63, wherein the medicament is applied during delivery of the ultrasonic energy to the wound.

80. (Previously Presented) The method according to claim 67, wherein the medicament is selected from one or more members of the group consisting of: an antibiotic, an ointment, cream, gel, liquid, salve, oil, powder, antibacterial agent, antiseptic agent, insulin, analgesic agent, conditioner, surfactant, emollient, or other active ingredient.

81. (Previously Presented) The method according to claim 68, wherein the medicament is selected from one or more members of the group consisting of: an antibiotic, an ointment, cream, gel, liquid, salve, oil, powder, antibacterial agent, antiseptic agent, insulin, analgesic agent, conditioner, surfactant, emollient, or other active ingredient.

82.-92. (Canceled).

93. (Previously Presented) The method of claim 1, wherein the liquid spray includes a medicament.

94. (Previously Presented) The method of claim 37, wherein the liquid includes a medicament.

95. (Previously Presented) The method claim 63, wherein the liquid spray includes a medicament.